

# Device and method for long distance controlling domestic electric appliance

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An apparatus and method for remotely controlling household appliances, wherein the household appliances are connected to a home network based on a power line and a network processor is installed in each of the household appliances, thereby enabling a household appliance user to remotely control the appliances from a place outside of his or her home as well as inside thereof. Further, information about all conditions of the household appliances can be displayed on a screen displayable one of the household appliances so that the user can recognize the operations of the appliances even during spare moments. Moreover, a low-price built-in server is installed in each of the household appliances such that the corresponding appliance is assigned a unique IP address simply over the Internet and controlled according to an external control command from the user. Furthermore, a home server is connected to each of the household appliances such that the corresponding appliance receives a control command, sent from the user using a mobile terminal. Therefore, the user can control the household appliances even while in transit.

FIG. 1

